

Fig. 1

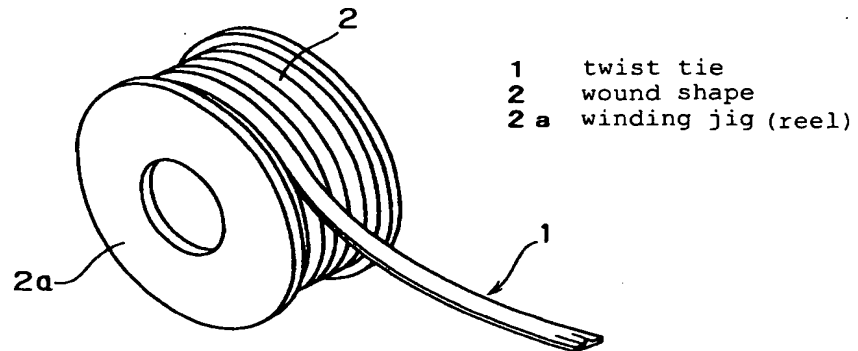


Fig. 2

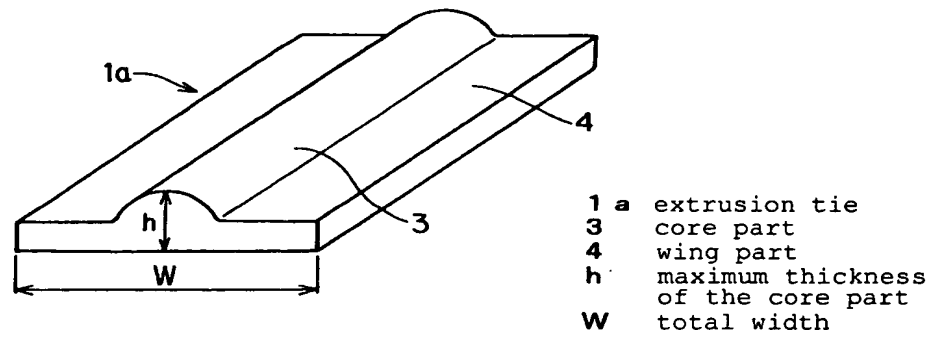


Fig. 3

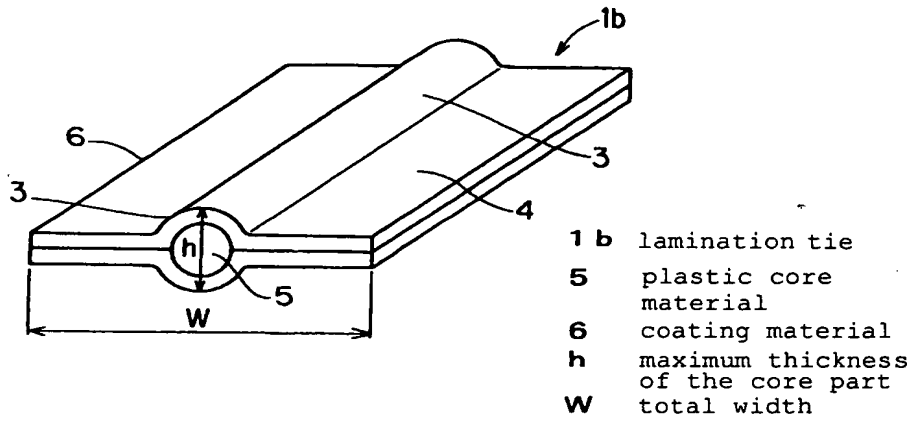


Fig. 4

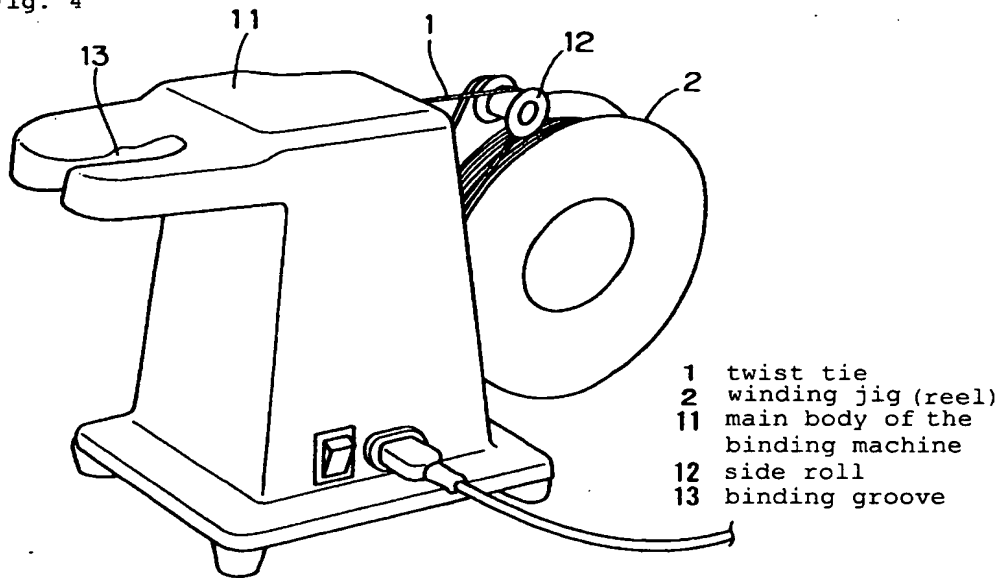
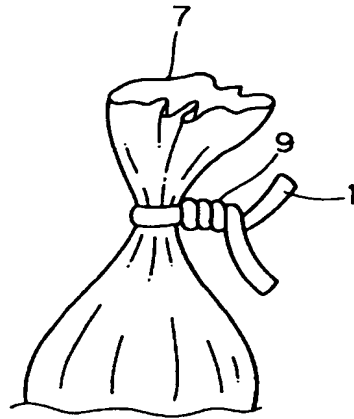
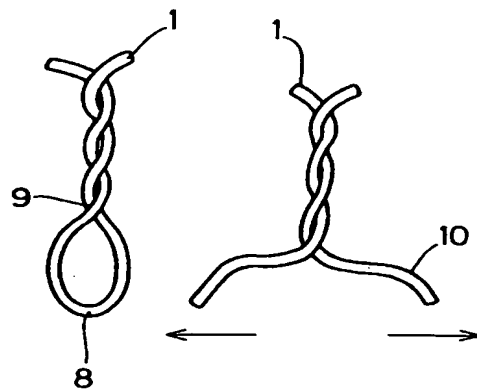


Fig. 5



- 1 twist tie
- 7 thing to be bound
- 9 bound part

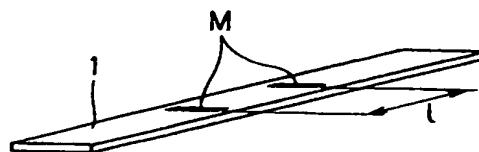
Fig. 6



- 1 twist tie
- 8 loop part after pulling out from the thing to be bound
- 9 bound part
- 10 loop end when loop part was cut

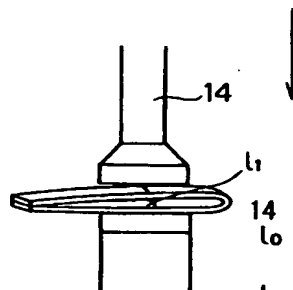
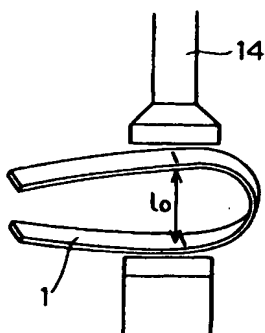
Fig. 7.

(a)



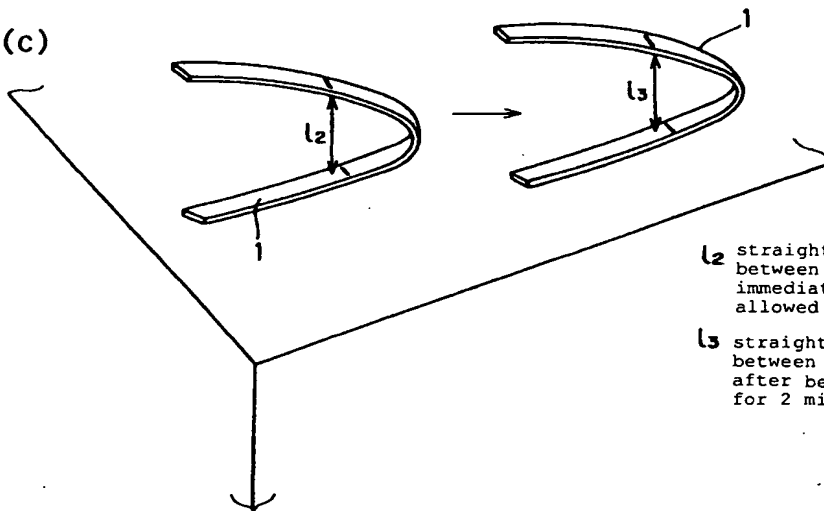
1 twist tie  
M marked lines  
l distance between the marked lines

(b)



14 dial gauge  
 $l_0$  distance between the marked lines upon non-loading  
 $l_1$  distance between the marked lines upon loading

(c)



$l_2$  straight-line distance between the marked lines immediately after being allowed  
 $l_3$  straight-line distance between the marked lines after being allowed for 2 minutes

Fig. 8

15 thick paper for the  
measurement of degree  
of curving

$\alpha$  degree of curving

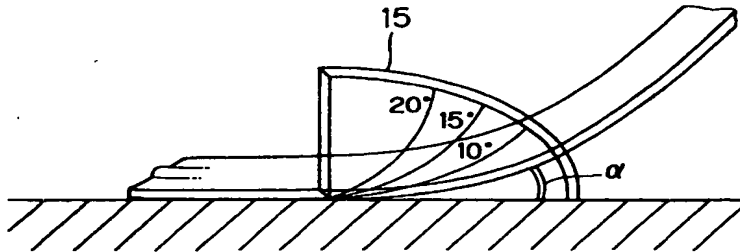
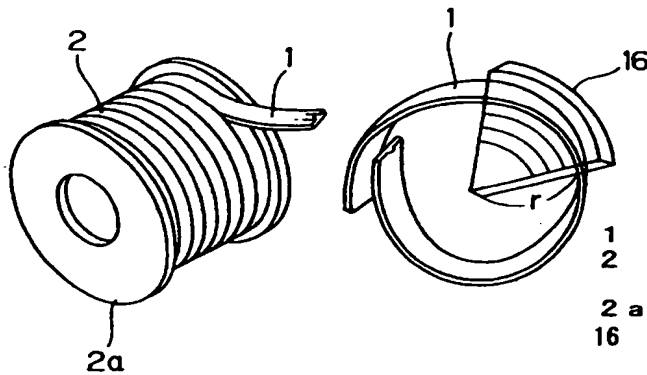


Fig. 9



1 twist tie  
2 wound shape in  
a bundle  
2 a reel  
16 thick paper for the  
measurement of curl  
radius  
 $r$  curl radius